

**BRADSHAW**

**Gold and Silver Mining Company**  
**OF ARIZONA.**

---

*Capital Stock, \$1,000,000.*

**250,000 SHARES, PAR VALUE, \$4.**

**WORKING CAPITAL, \$200,000.**

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**OFFICES:**

**110 BROADWAY, New York.**

**219 DOCK ST., Philadelphia.**

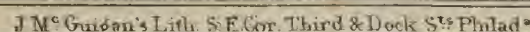
**PHILADELPHIA.**

**J. B. Chandler, Printer, 306 & 308 Chestnut Street, Girard Building.**

**1866.**



Discovered by the Willing Mining and Exploring Expedition.





London 1851

1851

1851

Discovered by the Willing Mining and Exploration Expedition, June, 1864.

The Catorce Mine is the southern crop of the Comstock Lode in Nevada.



1871

Nov 11

Wm. H. G.

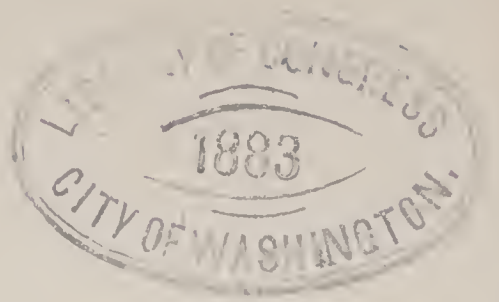
Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above named matter.

I am sorry to hear that you are not satisfied with the result of the investigation.

I have no objection to your making such use of the facts as you may think proper.

I am, Sir, very respectfully,  
Yours,  
Wm. H. G.



✓  
**THE  
BRADSHAW  
GOLD AND SILVER MINING COMPANY,  
OF ARIZONA.**

*Chartered under the General Mining Laws of the  
State of New York.*

---

**PRESIDENT,**

HON. GREEN ADAMS.

**VICE PRESIDENT,**

6  
-4465  
B F. J. FITHIAN, OF NEW YORK CITY.

**SECRETARY & TREASURER, pro tem.**

O. H. P. CONOVER, OF PHILADELPHIA.

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**BOARD OF DIRECTORS,**

HON. GREEN ADAMS, PHILADELPHIA.

F. J. FITHIAN, Esq., 110 BROADWAY, N. Y. CITY.

JOHN Q. ADAMS, 78 LEONARD STREET, “ “

JOHN J. ANDERSON, Esq., BROOKLYN. “ “

MYRON H. STRONG, Esq., 82 BROADWAY, N. Y.

WM. P. CONOVER, 524 MARKET ST., PHILADELPHIA.

HARVEY BALDWIN, 70 BROADWAY, N. Y.

W. O. STODDARD, ARIZONA.

TN 413  
26 BT

*Capital Stock, \$1,000,000*

**250,000 Shares, \$4 each.**

**Working Cash Capital, \$200,000**



Cost of outfit, in train men and materials for the  
Willing Mining and Exploring Expedition, sink-  
ing shafts, raising and preparing ores, with the  
incidental expenses in organizing and perfecting  
the present Company, - - - - - \$200,000

50,400 feet upon rich lodes now owned by this Company.  
As much more to be confirmed to it so soon as mining districts are  
formed.

TJ 318  
26 BT

PROSPECTUS  
OF THE PARENT COMPANY OF THE  
Bradshaw Gold and Silber Mining Company  
OF ARIZONA.

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THE Association offer to the public 100,000 Shares of the Capital Stock of the parent company, for \$4 00 per share, which entitles the holder to a proportionate interest in all sub-companies formed upon the property discovered, and entered or to be entered by the Company.

For various practical reasons, the Company consider the mines in the Bradshaw District the most immediately available. This district is situated sixty-five miles southeasterly from Prescott, the capital of the Territory, and only one hundred and eighty miles from La Paz, on the Colorado River, (steamboat navigation.) Work was commenced under the auspices of the present Superintendent, Dr. GEORGE M. WILLING, in the fall of 1864. Seven shafts were sunk, from seven to one hundred and fifty feet in depth, and over 50,000 tons of good ore got out and in sight, most of which is within one mile of the mill-site owned by the Company. The cost of the work already done in this district is about \$60,000, not including services of men or cost of the expedition.

There is an abundance of timber in the vicinity—oak, pine and mesquit, for building, mining and other purposes. Water in

abundance is furnished by a living spring on the pertinencia of the Company. Inexhaustible supplies of salt, in a pure form, are found in quarries about twenty miles distant. The agricultural lands in the neighborhood are of excellent quality, and of sufficient extent. The Company also owns eighty acres of the District "Town Site," as laid out. The climate is mild and equable, showing few extremes of temperature. Work can be prosecuted during the entire year without interruption. The ores are of the different varieties common to our great mining regions, affording some exceptional ores of rare beauty and richness. The veins upon which work is now to be prosecuted, have yielded, thus far, \$100 per ton in common arastras, and, with good machinery, better results are anticipated.

The development, nature and local advantages of the property warrant the Company in asserting that a more advantageous opportunity for mining investment never was brought before the business community.

The mines in the Bradshaw District are confined within a compact area of six and a half miles long and two and a half miles wide, almost an entire mass of veins, ranging from four feet to thirty feet wide, all gold and silver bearing veins. All have been thoroughly tested and proven. There is enough property in this one tract to make over 150 companies, and persons holding stock in this Company will be entitled to their pro-rato proportion in all sub-companies formed on the Company's property, free from expense to them, and not assessable. The Bradshaw Gold and Silver Mining Company owns, by deed of conveyance, all the property named in the Prospectus, the chain of title to which is perfect and incontestable.

The accompanying abstract of title was prepared by SAMUEL WAKELING, Esq., Attorney at Law, No. 522 Walnut Street, Philadelphia :

It is agreed between Dr. Willing, for himself and his associates, and the Bradshaw Company, that the subscribers furnishing the

working cash capital, shall have the right to elect two-thirds of the Directors, and upon all questions affecting the management of the Company, to be voted upon by the stockholders, the working cash-capital stockholders shall be entitled to a two-thirds vote until they have been reimbursed by dividends the amount of their stock payments, or when Dr. Willing ceases to be the Mining Superintendent of the Company.

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## SCHEDULE OF PROPERTY

CONVEYED TO THE COMPANY.

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*In the Bradshaw Mining District, Yavapai Co., Arizona.*

	<i>No. of Feet.</i>	<i>Feet Width.</i>	
1. The White Swan Lode.	2,700	8	Ballanciano Shaft.
2. The Great Forks Lodes,	3,300	30	Shaft and Tunnel.
3. The Uno Lode,	3,000	7	Two Shafts.
4. The Pagdon Lode,	3,600	8	
5. The Wigwam Lode,	3,600	7½	
6. The Great Eastern Lode,	3,600	5¼	Shaft.
7. The Greenwood Lode,	3,900	11	Shaft.
8. The Outside Lode,	3,600	4	Shaft.
9. The Hope Lode,	3,900	7	Shaft.
10. The Willing Lode,	3,000	4½	
11. The Black Swan Lode,	3,000	6	
12. The Aztec Lode,	3,600	8	
	<hr/> 40,800	Total No. of Feet.	

*In the Inyo Mining District, California, Owens River.*

The Great New Catorce Gold and Silver Mine—from 110 to 200 feet wide. Length of claim, 3,600 linear feet. Working yield, \$41 in gold; silver, \$72 per ton (\$113.) Top rock across



## No. 2. GREAT EASTERN LODE.—Per ton ore—

Gold,	.	.	.	.	.	.	.	\$6,723 00
Silver,	.	.	.	.	.	.	.	101 00

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Total, . . . . . \$6,824 00

Fineness of the gold. 816 thousandths.

No. 3. WHITE SWAN LODE.—Quartz, with iron and copper—  
per ton—

Gold, .	.	.	.	.	.	.	.	\$2,522 00
Silver,	.	.	.	.	.	.	.	28 00

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Total, . . . . . \$2,550 00

Fineness, 860 gold.

## No. 4. UNO LODE.—Per ton—

Gold, .	.	.	.	.	.	.	.	\$1,935 00
Silver,	.	.	.	.	.	.	.	18 00

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Total, . . . . . \$1,953 00

Fineness, 888 thousandths.

## No. 5. FORKS LODE.—Per ton—

Gold, -	.	.	.	.	.	.	.	\$778 00
Silver, .	.	.	.	.	.	.	.	18 00

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Total, . . . . . \$796 00

No. 6. GREENWOOD LODE.—The lump weighs  $958\frac{1}{3}$  grains, and contains (by specific gravity) \$7 15 gold—equal to \$52 40 per pound of ore.

J. R. ECKFELD,  
*U. S. Mint Assayer.*



*Extracts from the Report of the Hon. Coles Bashford, Surveyor-General of Arizona, to the General Land Office, before it was attached to New Mexico, under date of July 4th, 1864, says:*

“The mineral resources of the territory are beyond comprehension.”

“It contains a belt of four hundred miles in length, coming from the north and entering at the north-west, and running diagonally through passes out at the south-east corner. It has many and extensive spurs along the Colorado, and at several points along the eastern boundary.” “It is claimed by men of extensive mining experience, that wherever any section of this belt has been examined, it has been found that the metaliferous veins are more numerous, better defined, and richer, judging mostly from surface indications, than at any other point where this gigantic *vein* has been cut.”

“Ancient furnaces, with pieces of slag, are found in various places; and appearances indicate that mining was conducted in the most primitive manner; and that when slight obstacles were encountered, the mine was abandoned for a new one. The metals usually found are gold, silver, copper, iron, and lead.” \* \* \* \* “I firmly believe, all things considered, this is the most valuable territory belonging to the United States.”

*Extracts from the Report of Surveyor-General John A. Clark  
to the General Land Office.*

WASHINGTON, D. C.

\* \* \* \* "I reached Prescott on the 8th of April, (1865.)"  
 "I remained at Prescott, and in that vicinity, seventeen days,  
 "the most of my time being occupied in examination of the mines."  
 \* \* \* \* "I visited many lodes of gold-bearing quartz, and  
 "of silver and copper ore, in the Hassayampa Quartz Mountain,  
 "(*Vulture*), Walker, and Turkey Creek, (*Bradshaw*), mining  
 "districts; and have examined specimens of quartz and ores,  
 "taken from not less than fifty different localities. A majority  
 "of these specimens were gold-bearing quartz; many of them,  
 "upon being broken, exhibited gold, and others, when powdered  
 "and washed, produced a good result of fine gold." \* \* \*  
 "In former letters and reports to your office, I have freely given  
 "my opinion of the mineral wealth of Arizona."

"In my late tour, I have had a better opportunity than ever  
 "before of judging of the extent of these mineral resources, and  
 "am gratified in being able to say that I have nothing to retract  
 "of all I have written upon the subject."

"Labor, capital, and machinery are only required to be pro-  
 "perly applied to prove to the world that I have rather under-  
 "estimated than overstated the number and great richness of  
 "these mines."

*Letter from Hon. J. N. Goodwin, late Governor of Arizona.*

WASHINGTON, D. C., }  
17th April, 1866. }

O. H. P. CONOVER, ESQ.

*My Dear Sir,*—In reply to your letter inquiring what I know of the mines of the Bradshaw Mining Company, I would say, that I am well acquainted with the mining district in which they are located, and with the general reputation and character of the lodes. They are large, well marked, having the gold very evenly distributed through the rock, and give every indication that they are true fissure veins. Many of them assay very richly in gold and silver—more or less silver. As they are developed I think the silver will increase—in some of them I think it will predominate.

The formation in which the lodes are found is regular—and I think they will prove to be unbroken. This district has all the facilities for working mines. There is an abundance of wood and timber, and sufficient water for steam-machinery, and for all other mining purposes.

The grazing is good throughout the year. This advantage can only be appreciated by one who has worked a mine, and who knows how many horses and mules are required to work a mine successfully.

The mines are accessible. They are located about sixty-five miles from Prescott, which is the capital of the Territory. Prescott is about one hundred and fifty miles, by a good toll road, from a landing on the Colorado river, to which machinery can be shipped direct from San Francisco.

This much reduces the expense of erecting machinery as compared with what it is in many of the mining Territories, when the freight of a mill is nearly or quite as much as the original

cost. Machinery for working gold-rock can be erected in Arizona at as little cost as in any one of the Territories. There is an impression that Arizona is a desert, containing good mines in its mountains, but with no agricultural resources. This is incorrect; there is enough arable land to supply a large population with breadstuff and cheap beef, as soon as the Indian troubles will make it safe to engage in farming and grazing. The hostility of the Indian has been the great obstacle to the development of this country; and the crushing of the rebellion has placed enough troops at the disposal of the Government to make an end very speedily of this difficulty.

I am, very respectfully,

Your obliged servant,

J. N. GOODWIN.

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*Letter from the late Speaker of the House of Representatives  
of Arizona.*

PRESCOTT, ARIZONA, }  
November 10, 1865. }

DR. GEORGE M. WILLING.

*Dear Sir,*—I cannot omit the opportunity of expressing my high appreciation of the services which you have rendered to Arizona in your explorations of the country, and your endeavors to develop its great and manifold resources. From a long acquaintance with your antecedents, I was led to expect great results from your expedition; and I am now highly gratified that you have met with the fullest success. The genuine veins of rich gold-bearing quartz which you have discovered in the Bradshaw Mining District, will, from the specimens I have seen, yield a rich reward for your toil. I believe, in all confidence, that

gold enough can be extracted from them to pay the national debt, and enrich the country.

With the highest wishes for your future prosperity, I bid you adieu, with the hope that you will not forget me in your correspondence.

Your friend, truly,

W. CLAUDE JONES,  
*Speaker House of Representatives, Arizona.*

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*Letter from Hon. J. M. Edmunds, late Commissioner of the  
General Land Office.*

WASHINGTON, D. C.

In reply to your oral inquiry relative to Dr. George M. Willing, I have the honor to state, after a three years' acquaintance, and no little inquiry of others who have known him as an explorer, my mind has reached the conclusion that he is a most enterprising and enthusiastic explorer, and a good judge of all the geological indications which lead to the deposits of the precious metals.

Information from other sources corroborate his reports of discoveries in Arizona.

Very respectfully,

Your obedient servant,

J. M. EDMUNDS.

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WASHINGTON, D. C. }  
Sept. 20th, 1866. }

C. C. DUNN, ESQ.

*My Dear Sir,*—In reply to your inquiries, I have to state that I have known Dr. George M. Willing, personally and intimately, for some seven or eight years, and have high confidence in his ability, energy, and enterprise, as a mineralogist and explorer.

I have much confidence that his discoveries in Arizona are immensely rich in the precious metals, and of incalculable value if properly worked.

My faith in the great value of the property owned by the Bradshaw Company, is based not only upon information received from Dr. Willing, (in whose truth and integrity I have unlimited confidence,) but from other sources I consider reliable.

I would refer you to Surveyor-General Clark, who has no interest in the matter.

Very respectfully yours,

GREEN ADAMS.

*New York, Sept. 8th, 1865.*

C. C. DUNN, ESQ., PHILADA.

*Dear Sir,*—At the request of Mr. J. E. Peyton, with whom I had some conversation this morning, I take the liberty of writing you a line concerning Dr. George M. Willing. I have known him for many years previous to his trip to California, and can bear testimony to his good character as a man of truth and integrity; and all representations and statements made by him entitled to the highest credit.

I can give no man any higher recommendation than I can him.

Very respectfully,

JOHN J. ANDERSON.

WILLINGTON, CRUMP VALLEY, O. T. }  
*Nov. 12th, 1864.* }

The undersigned, one of the members of the Willing Mining and Exploring Expedition, do hereby certify that I have been with the Expedition from the time it started from Stockton,

California, up to the present date, and that I have worked upon the new *Catorce* Ledge near San Carlos, Owens River, and that said vein crops on the south from the Monument, for a quarter of a mile, with a mean width of from eighty to one hundred feet, and north three quarters of a mile long, and same width as the south end. The indications are all the same, the ore being all alike on all the crop, and is pronounced by assayists to whom I have shown it, that it contains from sixty to seventy-five per cent. of silver ; and I believe it to be an extraordinary lode, of mammoth size. I have been a miner for eight years, and my experience would teach me to look upon the *Catorce* as one of the great mines of the age.

R. B. LOVEJOY.

The following table shows the practical results of gold and silver mining in Nevada, from official returns.

<i>Name of Company.</i>	<i>No. of ft. in mine.</i>	<i>Nominal Capital</i>	<i>Total Work- ing Capital.</i>	<i>Yield for three months, ending April, 1865.</i>
Yellow Jacket,	1,200	\$1,200,000	\$300,000	\$720,107 50
Savage,	800	1,600,000	108,000	605,233 40
Could & Curry,	1,200	2,400,000	250,000	447,183 98
Chollar,	1,400	4,480,000	448,000	440,000 00
Belcher,	1,040	3,120,000	21,008	314,130 31
Potosi,	1,400	1,400,000	86,300	308,120 82
Imperial,	184	2,000,000	49,080	201,344 55
Empire,	75	999,000	none	119,208 49
Confidence,	130	780,000	not rep't'd	80,042 10
Ophir,	1,400	5,040,000	"	57,713 20
Bacon,	45	720,000	"	41,989 07
Bowers,	————	————	"	61,760 00
Eclipse,			"	55,568 65
New York & Nevada,		————	"	41,900 08

There are upon the Comstock Lode forty-six (46) claims, containing in the aggregate 22,258 linear feet, which sell at prices ranging from \$500 to \$1,500, and some as high as 6000, per foot. The cash value at this time is not less than \$50,000,000.

When such results are produced from the Comstock Lode in Nevada, what may be expected from the mines of the Bradshaw Company, which are larger in area and richer in metal, and instead of being owned by forty-six different companies, belong exclusively to the parent Company?

The foregoing Prospectus has been carefully revised and adopted by the Board of Directors.

O. H. P. CONOVER,

*Secretary.*

# Abstract of Title

TO

## MINERAL LANDS

OF

The Bradshaw Gold & Silver Mining Co.

OF ARIZONA,

*Situate in the Bradshaw Mining District, Yavapai  
County, in the Territory of Arizona.*

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IN THE PROBATE COURT JUDICATURE OF MINES,  
YAVAPAI COUNTY, TERRITORY OF ARIZONA.

*In the matter of the application of the claimants, The Willing Mining  
and Exploring Expedition Company.*

William Allen, Joseph Andrews, Green Adams, Lafayette Anderson,  
H. J. Bagley, Samuel Black, Jacob S. Cohen, Charles Crump, M.  
Champion, Hiram O'Cannon, Thomas S. Fernon, M. Goldbaum,  
Wm. H. Haskill, William Little, R. B. Lovejoy, J. P. Lounsberry,  
Lewis Leland, Logan & Allen, George Lane, Wm. Murphy, F. A.  
Massal, John C. Martin, William Runk, George K. Smith, A. P.  
Shanks, Wm. H. Stevens, Jno. H. Schenck, William O. Stoddard,  
Jno. Turner, George M. Willing and C. Willing, composing the  
Company aforesaid at the periods of the respective locations as  
hereinafter specified, Plaintiffs and Claimants.

Certified  
copy of pro-  
ceedings pro-  
duced.

By proceedings in the said Court, it was found that the following  
named persons, members of the said Company, had discovered and  
located upon the following ledges and claims:

1st. George M. Willing, Little, Smith, Turner, Crump, Lovejoy,  
Shanks, Lounsberry, Champion, Haskill, Allen, Cannon, Cohen, Bag-

ley, Stoddard, Leland, Massal, Logan & Allen, Murphy, Fernon and C. Willing discovered and located upon a ledge, twenty-two claims, which ledge or lode is known as the White Swan.

2d. That George M. Milling, Little, Smith, Turner, Crump, Lovejoy, Shanks, Lousenberry, Champion, Haskill, Allen, Cannon, Bagley, Stoddard, Leland, Massal, Logan & Allen, C. Willing, Andrews, Adams, Fernon, discovered and located upon a ledge, twenty-three claims, which ledge or lode is known as the Forks Lode.

3d. That George M. Willing, Little, Smith, Turner, Lovejoy, Crump, Shanks, Lounsberry, Champion, Haskill, Allen, Cannon, Cohen, Bagley, Leland, Stoddard, Massal, Logan & Allen, C. Willing and Anderson, discovered and located on a ledge, twenty-one claims, which ledge or lode is known as the Willing Lode.

4th, That George M. Willing, Little, Smith, Turner, Crump, Lovejoy, Shanks, Lounsberry, Champion, Allen, Haskill, Cannon, Cohen, Bagley, Leland, Stoddard, Massal, Logan & Allen, C. Willing and Andrews, discovered and located on a ledge, twenty-one claims, which said ledge or lode is known as the Black Swan.

5th. That George M. Willing, Lovejoy, Crump, Smith, Lane, Turner, Champion, Haskill, Lounsberry, Massal, Bagley, Stoddard, Cohen, Leland, C. Willing, Andrews, Fernon, Shanks, Martin and Runk discovered and located on a ledge, twenty-one claims, which lode is known as the Uno Lode.

6th. That George M. Willing, Lovejoy, Smith, Lane, Champion, Allen, Stoddard, Andrews, Fernon, Massal, Anderson, Schenck, Stevens, Martin, C. Willing, Bagley, Heskil, Lounsberry, Turner and Crump discovered and located twenty-one claims, which said ledge or lode is known as the Pagdon Lode.

Also, twenty-one claims on the lode known as the Wigwam Lode.

Also, twenty-one claims on the ledge known as the Great Eastern Lode.

Also, twenty-one claims on the ledge known as the Aztec Lode.

Also, twenty-one claims on the lode known as the Outside Lode.

7th. That George M. Willing, Lovejoy, Smith, Champion, Allen, Stoddard, Andrews, Fernon, Massal, Anderson, Crump, Lounsberry, Haskill, Bagley, C. Willing, Martin, Stevens, Goldbaum, Black and Schenck discovered the ledges and locaton thereon claims as follows, to wit:

Twenty-one claims on the ledge known as the Hope Lode.

Also, twenty-one claims on the lode known as the Greenwood Lode.

Together with an auxiliary land claim, not exceeding 160 acres, with the running stream, &c.

Wherefore, the premises considered, it was ordered, adjudged and decreed, that the said claimants have, in the respective instances, complied with the laws of said Territory respecting said claims and said auxiliary lands, relating to the denouncement and registration of mines, and have acquired a perfect title therein, as therein before respectively specified, and to all rights, privileges and franchises connected therewith, which said title shall continue perfect until the first day of January, A. D. 1868, and forever after, unless abandoned; and the Clerk of the Court was thereby directed to make proper entry in the records of his office, this decree, that the same might be perpetuated forever.

Given under the hand of

HEZEKIAH BROOKS,

*Judge of Probate,*

April, 1865.

Decree filed May 1, 1865, by

F. G. CHRISTIE,

*Probate Clerk.*

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*Section 4th of the Laws of the Bradshaw Mining District in the County of Yavapai, adopted September 14, 1864.*

“It shall be the duty of the Recorder to keep a true and correct record of all mining lots and building sites, or lots or parcels of ground not enumerated herein, in a book set apart for that purpose.

Certified  
transcript  
produced.

\* \* \* \* \* He shall also, in person or by deputy, bound all mining claims or lots or parcels of ground, as set forth in these laws, and give to the claimant a certified copy of the same, on the payment of fees. He shall also be ex-officio Clerk of the Miner's Court.”

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The following named persons are entitled to claims, as appears below, and which have been confirmed by a decree of the Probate Court for and within Yavapai County, Territory of Arizona, in the order they appear in the subjoined allotment of said claims, entered and recorded as the mining claims of the Willing Mining and Exploring Expedition, in the Bradshaw Mining District, in said County, under the act for the registration and adjudication of mines; the said claims numbering from the discovery and pre-emption, lots

Certified  
transcript of  
allotments  
from the re-  
cords of the  
Bradshaw  
Mining Dis-  
trict pro-  
duced

north and south, allotting to each individual his separate claim as provided by the Bradshaw Mining Law, section 4th, to wit, the

#### WHITE SWAN LODE.

*Geo. M. Willing, Locator. Discovery and Pre-emption Lot 600 Feet.*

<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	George K. Smith,	300
" 2.	W. O. Stoddard,	300	" 2.	Charles Crump,	300
" 3.	William Little,	300	" 3.	M. Champion,	300
			" 4.	John D. Bagley,	300

#### FORKS LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>
No. 1.	C. Willing,	800	No. 1.	M. Champion,	300
" 2.	Joseph Andrews,	300	" 2.	Green Adams,	300
" 3.	W. O. Stoddard,	300			
" 4.	John D. Bagley,	300			
" 5.	Charles Crump,	300			
" 6.	Geo. K. Smith,	300			
" 7.	William Little,	300			

#### WILLING LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>South,</i>	<i>Feet.</i>	<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	M. Champion,	300
" 2.	W. O. Stoddard,	300	" 2.	John H. Schenck,	300
" 3.	John D. Bagley,	300			
" 4.	Charles Crump,	300			
" 5.	Geo. K. Smith,	300			
" 6.	William Little,	300			

#### BLACK SWAN LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>
No. 1.	Joseph Andrews,	300	No. 1.	John D. Bagley,	300
" 2.	C. Willing,	300	" 2.	Charles Crump,	300
" 3.	W. O. Stoddard,	300	" 3.	Geo. K. Smith,	300
			" 4.	William Little,	300
			" 5.	M. Champion,	300

## UNO LODGE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>
No. 1.	Joseph Andrews,	300	No. 1.	Geo. K. Smith,	300
" 2.	C. Willing,	300	" 2.	M. Champion,	300
" 3.	W. O. Stoddard,	300	" 3.	John C. Martin,	300
" 4.	John D. Bagley,	300			
" 5.	Charles Crump,	300			

## PAGDON LODGE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2.	John C. Martin,	300	" 2.	Geo. K. Smith,	300
" 3.	John H. Schenck,	300	" 3.	Charles Crump,	300
" 4.	Joseph Andrews,	300	" 4.	M. Champion,	300
" 5.	John D. Bagley,	300	" 5.	Wm. H. Stevens,	300

## WIGWAM LODGE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2.	John C. Martin,	300	" 2.	Geo. K. Smith,	300
" 3.	J. H. Schenck,	300	" 3.	Charles Crump,	300
" 4.	Jos. Andrews,	300	" 4.	M. Champion,	300
" 5.	J. D. Bagley,	300	" 5.	W. H. Stevens,	300

## GREAT EASTERN LODGE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	Wm. O. Stoddard,	300
" 2.	J. C. Martin,	300	" 2.	Geo. K. Smith,	300
" 3.	J. H. Schenck,	300	" 3.	Charles Crump,	300
" 4.	Jos. Andrews,	300	" 4.	M. Champion,	300
" 5.	J. D. Bagley,	300	" 5.	W. H. Stevens,	300

## AZTEC LODGE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2.	J. C. Martin,	300	" 2.	Geo. K. Smith,	300
" 3.	J. W. Schenck,	300	" 3.	Charles Crump,	300
" 4.	Jos. Andrews,	300	" 4.	M. Champion,	300
" 5.	J. D. Bagley,	300	" 5.	W. H. Stevens,	300

OUTSIDE LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2.	J. C. Martin,	300	" 2.	Geo. K. Smith,	300
" 3.	J H. Schenck,	300	" 3.	Charles Crump,	300
" 4.	Jos. Andrews,	300	" 4.	M. Champion,	300
" 5.	J. G. Bagley,	300	" 5.	W. H. Stevens,	300

HOPE LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet.</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2.	J. H. Andrews,	300	" 2.	J. H. Schenck,	300
" 3.	Geo. K. Smith,	300	" 3.	C. Crump,	300
" 4.	M. Champion,	300	" 4.	J. D. Bagley,	300
			" 5.	J. C. Martin,	300
			" 6.	W. H. Stevens,	300
			" 7.	Samuel Black,	300

GREENWOOD LODE.

*George M. Willing, Locator. 600 Feet.*

<i>Lots.</i>	<i>North.</i>	<i>Feet.</i>	<i>Lots.</i>	<i>South.</i>	<i>Feet</i>
No. 1.	C. Willing,	300	No. 1.	W. O. Stoddard,	300
" 2	Jos. Andrews,	300	" 2.	J. H. Schenck,	300
" 3.	Geo. K. Smith,	300	" 3.	C. Crump,	300
" 4.	M. Champion,	300	" 4.	J. G. Bagley,	300
			" 5.	J. C. Martin,	300
			" 6.	W. H. Stevens,	300
			" 7.	Samuel Black,	300

By the above proceeding, the various lots were allotted and located, in the names of the said George M. Willing as locator, C. Willing, Wm. O. Stoddard, William Little, George K. Smith, Charles Crump, Marcus Champion, John D. Bagley, Joseph Andrews, Green Adams, John H. Schenck, John C. Martin, William H. Stevens and Samuel Black.

1866.  
January 13.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. Executed by George K. Smith and William Lit-  
tle to George M. Willing, authorizing him to sell and convey all and  
singular their right and title to any mines, lands, claims confirmed to  
him as a member of the Willing Mining and Exploring Expedition  
in the Bradshaw Mining District, Yavapai County, Arizona.  
Acknowledged by George K. Smith same date.

Letter of Attorney. Green Adams to George M. Willing, authorizing him to sell and convey all his right, title, and interest to and in mines, lands, &c., in the said Bradshaw Mining District.

Acknowledged, March 12, 1866.

1866.  
February 15.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. John H. Schenck to George M. Willing, authorizing him to sell and convey all his right and title to any mines, lands, claims confirmed to him as a member of the Willing Mining and Exploring Expedition in the said Bradshaw Mining District.

Acknowledged same day.

1866.  
February 19.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Deed, executed by Cecilius Willing, Joseph H. Andrews, and Samuel Black to George M. Willing, his heirs and assigns, for all their right, title, and interest to and in the said claims in the said Bradshaw Mining District.

Acknowledged same day.

Filed for Record, January 18, 1866.

1866.  
January 15.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. Charles Crump to George M. Willing, authorizing him to sell, convey, and form companies for his interest in such mines and lands as are recorded to him in the said Bradshaw Mining District.

1865.  
January 20.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. John C. Martin to George M. Willing, authorizing him to sell and convey any and all mines, lands, and improvements confirmed to him by decree or otherwise, under the name of the Willing Mining and Exploring Expedition Company in Arizona.

Acknowledged same day.

1866.  
January 16.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. Marcus Champion to George M. Willing, authorizing him to use his name in locating claims, and disposing of them as he might deem best for the interest of his Exploring Expedition.

Filed for Record, January 1, 1866.

1864.  
May 3.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

By writing filed for record, dated January 27, 1866, William H. Stevens disclaimed any interest or connection with the enterprize whatever.

Recorded, February 1, 1866.

1866.  
January 27.  
Certified  
copy of re-  
cord from-  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

Letter of Attorney. John D. Bagley to George M. Willing, authorizing him to sell and convey all his right and title in and to all and any mines, lands, claims confirmed to him as a member of the Willing Mining and Exploring Expedition in the Bradshaw Mining District.

Acknowledged same date.

1866.  
January 24.  
Certified  
copy of re-  
cord from  
Bradshaw  
Mining Dis-  
trict pro-  
duced.

1866.  
February 17.  
Produced.

Deed. George M. Willing and Wife, and William O. Stoddard, to the Bradshaw Gold and Silver Mining Company of Arizona, for the following Lots and Claims, *inter alia*, viz:

No. 1. The White Swan Lode, being the Discovery Lot and Lots Nos. 1, 2 and 3 south, and Lots Nos. 1, 2, 3 and 4 north of said Pre-emption and Discovery.

No. 2. The Pre-emption and Discovery Lots on the lode called the Forks Lode; and Lots Nos. 1, 2, 3, 4, 5, 6 and 7 south from the Pre-emption and Discovery, and Lots Nos. 1 and 2 north.

No. 3. The Willing Lode Discovery and Pre-emption Lots, and Lots Nos. 1, 2, 3, 4, 5 and 6 south, and Lots Nos. 1 and 2 north of said Discovery and Pre-emption.

No. 4. The Black Swan Lode Discovery Lots, and Lots Nos. 1, 2 and 3 south, and Lots Nos. 1, 2, 3, 4 and 5 north from said Discovery and Pre-emption.

No. 5. The Uno Lode Discovery Lots and Pre-emption north of said Discovery, and Lots Nos. 1, 2, 3, 4 and 5 south of said Discovery and Pre-emption Lots, and Lots Nos. 1, 2 and 3 north of said Discovery.

No. 6. The Pagdon Lode Discovery and Pre-emption Lots, and Lots Nos. 1, 2, 3, 4 and 5 north, and Lots Nos. 1, 2, 3, 4 and 5 south from said Discovery and Pre-emption.

No. 7. The Wigwam Lode Discovery and Pre-emption, and Lots Nos. 1, 2, 3, 4 and 5 north, and lots Nos. 1, 2, 3, 4 and 5 south of said Discovery and Pre-emption.

No. 8. The Great Eastern Lode Discovery Pre-emption, and Lots Nos. 1, 2, 3, 4 and 5 north, and Lots Nos. 1, 2, 3, 4 and 5 south of said Discovery and Pre-emption.

No. 9. The Aztec Lode Discovery and Pre-emption, and Lots Nos. 1, 2, 3, 4 and 5 north, and Lots Nos. 1, 2, 3, 4 and 5 south of said Discovery and Pre-emption.

No. 10. The Outside Lode Discovery and Pre-emption Lots, and Lots Nos. 1, 2, 3, 4 and 5 north, and Lots Nos. 1, 2, 3, 4 and 5 south of said Discovery Lots and Pre-emption.

No. 11. The Hope Lode Discovery and Pre-emption, and Lots Nos. 1, 2, 3 and 4 north, and Lots Nos. 1, 2, 3, 4, 5, 6 and 7 south of said Discovery and Pre-emption.

No. 12. The Greenwood Lode Discovery and Pre-emption, and Lots Nos. 1, 2, 3 and 4 north, and Lots Nos. 1, 2, 3, 4, 5, 6 and 7 south of said Discovery and Pre-emption.

Together with the one-half part of the pertinencia of one hundred and sixty acres as auxiliary lands to the said mines.

Acknowledged by G. M. Willing and Wife the same date, and by William O. Stoddard, March 6, 1866.

REPORT  
OF THE  
General Superintendent,  
ON THE MINES OF THE  
Gold and Silver Mining Company  
OF ARIZONA.

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HON. GREEN ADAMS,

*President of the Bradshaw Gold & Silver Mining Company of Arizona.*

SIR:—In accordance with your request, I have the honor to submit to you the following facts relative to the property of the Company, of which you are the President, that you should be minutely informed of the condition and the value of the Company's property, and the most approved means by which the Company may realize from the same.

In a letter to O. H. P. Conover, Esq., Secretary of the Company, from the Hon. John N. Goodwin, late Governor of Arizona, now Delegate from Arizona to the Congress of the United States, says, "that he is personally acquainted with the Company's property, and that the lodes are the richest and largest in the Territory, and the facilities for working the mines are unsurpassed," and the voluminous testimony which is at the command of the Board and in the hands of the President, establishing beyond a doubt the magnitude of this vast estate.

I desire to impress upon each Director, the President and Vice President, the immensity and incalculable wealth contained

within the limits of the property deeded to the Company in the Bradshaw Mining District, Arizona, the New Catorce Mine on Owens River, California, and the Indian Springs District, the Lounsbery Lode, and also to give you the plan of operations which I have decided upon, and submit to you and other members of the Board for approval.

The mines of the Bradshaw District are at present the most available. There are, as the prospectus declares, over 50,000 tons of ore now out and ready for the reducing works; this ore will average \$100 to the ton, \$60 more than the Comstock Lode in Nevada yields to the ton, and upon which are situated the Gould and Curry, Ophir, Hale and Norcross, Crown Point, and other mines, worked upon that lode, and from which such princely dividends are now declared monthly; that the mines of the Company will exceed the products of these mines, if properly managed, there is not the slightest doubt.

### COMMUNICATION WITH THE MINES.

The mines of the Bradshaw Company are reached by a water communication, via the Gulf of California and the Colorado River to the town of La Paz, one hundred and eighty miles from the mines. The road from La Paz to the mines is level and easy, with wood, water and grass all the way in abundance.- The Company's teams will do all the hauling to the mines at little cost, therefore the cost of transportation will be at least two-thirds less than to the mines of Nevada, Colorado, Idaho or Montana. Material can be shipped either from the Eastern States or from San Francisco. Steamers ply upon the Colorado constantly, giving every facility for transporting material and supplies.

Expresses from Prescott to San Francisco, meet Wells, Fargo & Co.'s Express at San Bernardino, California, and stages and mail routes are also established and in successful operation East and West.

## PLAN OF OPERATING THE MINES.

To make the operations of the Company a success, and to be independent in carrying them out, will require an economical use of the Company's funds, and making available the natural resources which surround the mines.

1st. The Bradshaw District contains a large area of arable lands, which, with little cost, can be placed under cultivation and thus supply the people who operate—with grain, vegetables and meats—at a cost much less than can be transported from a distance.

2. The District being situated sixty-five miles from any commercial town of note, in order to keep the miners and other persons in the employ of the Company, it will be necessary for the Company to have a full assortment of such *goods, wares* and general merchandise as is best suited to their wants. If this is not done, the employees, as is the case in all mining regions, will from time to time desert the work of the Company to get such supplies. Besides, the Company having these goods to supply the miners, will realize a profit therefrom varying from 100 to 300 per cent., and in many ways facilitate the successful operations of the Company.

The Company should have also cattle, sheep and hogs, and everything pertaining to a farm in the stock line, from which its operatives could gain a support in subsistence.

Fruit trees will flourish on any part of the Company's grounds, and I should recommend when the time and opportunity would permit, that such trees should be planted for the benefit and use of the Company. The fruits of peaches, pears, apples and grapes, mature very quick in this climate, and are of a superior quality.

I recommend that eighteen months' provisions be taken out from the East, with the exception of flour and some of the perishable kinds of food, which can be purchased at lower figures in the State of California and the Mexican States. The vessel that takes out the machinery can purchase such articles at some port on the Pacific nearer the point of destination.

## MACHINERY.

The kind of machinery which I deem the most prudent to take to these mines, is that which experience has taught to be the best, and that class also which is now paying the large dividends in Colorado and Nevada—these are Stamps—with *Friesburgh* pans and amalgamators.

This kind of machinery *has not as yet* been permanently superceded by any of the numerous patents and new devices for separating the metals, nor has *any* of these new modes been successfully applied in reducing the ores. The Gates Stamp Mill, or those on a similar plan, have proven to be the best mills so far, and I recommend their use in this instance until the new processes shall have been thoroughly tested. I do not consider it advisable for the Company to experiment, when there is a certainty in the machinery now being used with success.

The explorations of the Company's Mines in the Bradshaw District, show an accumulation of paying ores to the amount of upwards of 50,000 tons. A 48 stump mill will crush in the course of a year not more than 30,000 tons, if the average is even \$50 per ton, the yield of the mills will not be less than \$1,500,000, say \$500,000 for expense, you have one million for dividends, or 100 per cent. upon the capital stock; but I have no hesitation in saying, from the thorough tests I subjected the ores to, that they will yield not less than \$100 per ton.

The ores of the Bradshaw I classify as follows:

1st Class Ores ranging from \$6,000 to \$60,000 per ton.							
2d	"	"	"	"	2,000	"	10,000
3d	"	"	"	"	1,000	"	3,000
4th	"	"	"	"	700	"	2,000
5th	"	"	"	"	300	"	1,000
6th	"	"	"	"	100	"	500
7th	"	"	"	"	75	"	200
8th	"	"	"	"	50	"	100
9th	"	"	"	"	25	"	50
10th	"	"	"	"	5	"	25

The ores to the 8th Class will be worked by the Company. These will be selected from the ores already taken from the mines—the cost of mining for the first year being obviated.

I estimate the result of a 46 stamp-mill the first year, a 96 stamp-mill the second year, and a 400 stamp-mill the third year. I place the estimate at \$50 per ton, which is one-half the amount taken from the rude arrastras by which all the veins have been tested, and the classes of ores ranging from one to four not calculated.

A 48 Stamp-Mill, one year, proceeds,	. . .	\$1,500,000
Less cost of running,	. . .	500,000
Net profits,	. . .	<u>\$1,000,000</u>
A 96 Stamp-Mill, one year, proceeds,	. . .	\$2,970,000
Less expenses,	. . .	700,000
		<u>\$2,270,000</u>
A 400 Stamp Mill, one year, proceeds,	. . .	\$12,000,000
Less expenses,	. . .	1,350,000
		<u>\$10,650,000</u>
Net proceeds from 400 Stamps at \$50 per ton,		

Now, a 10 stamp-mill will just about pay the expenses, and a 48 stamp-mill can be run with about the same expense.

The Company does not own a foot of mines but which is workable; and the estimate is one foot to each stamp; so that the Company may work upon a thousand feet of the Forks, the Hope, the Greenwood, or any of the other lodes, a thousand stamps, with success and great profit.

The successful working of the ores, on any of the Company's mines, rests entirely upon the amount and kind of machinery, and the management of the same.

With a 48 stamp-mill to commence with, and with sufficient

supplies of every kind at hand and owned by the Company, I have no hesitancy in saying the first year will give a dividend of 50 per cent. and the additional machinery needed.

The second year, with a 96 stamp-mill, will give a dividend of 150 per cent. and the necessary funds to put up, or augment to, 400 stamps, and the running of which will give the dividend of 1,000 per cent.

To run a 10 stamp-mill, and do all the necessary mining, cutting of timber, herding and wagoning, will require about thirty men—or perhaps forty. To run a 48 stamp-mill, will only require forty-eight men. To run a 400 stamp-mill will only require three hundred men. These calculations are from experience. The first and second years of the Company's operations but few regular miners will be employed, because the rock is already out to furnish the mill; therefore but a few miners are necessary to sink upon the shafts already begun, to such a depth that stoping or running of galleries can be commenced; so that when the rock already out is exhausted, it will be supplied from the galleries in the mines.

Explorations by continued mining are absolutely necessary in carrying on the operations of the Company, and to do so, the work must be commensurate with the mine operated upon, to make large dividends. Thousands of tons of rock, now in sight, lie useless, for the want of machinery. When this machinery is supplied, the Company at once becomes opulent. Its stockholders are confident of its great value, when they receive the tangible evidence in its bullion.

For the present no adits will be necessary, the mere sinking upon the shafts already opened or commenced, and the running in on the principal veins, is all that is required, so extensive are the crops of all the veinstones now belonging to the Company. I recommend, therefore, a speedy action of the Board, in placing at the disposal of your Superintendent the funds necessary for the successful operation upon the property, in order that he may complete the necessary machinery, and have it in running order,

that by January, 1867, the first shipment of bullion may be made, and the *status* of these mines established, which, I undertake to say will, and cannot fail to, place them alongside the great dividend-paying Comstock Lode of Nevada. Furnished with such facilities as are here enumerated, your Superintendent, from the accurate knowledge he has of the Company's property, has no hesitation in saying, that better results will ensue than the estimate herewith submitted.

The mining property belonging to the Company in California, near the Owens river, is valuable, and as soon as the Company can conveniently do so, I should recommend definite action to be taken for its working. At present, the working of the mines of the Bradshaw District have superior advantages for immediate profits, and the Company can afterwards be in a better condition to attend to their mine. The same applies to the Lounsberry Lode, in the Indian Springs District, both of which mines are good and permanent, and rich in the finer metals.

The following points I would most urgently request the Board of Directors to take especial *note* of :

*First.*—The Company are now in possession of a very large estate. In each district in which their property is located, it is compact—not scattered. First, the Bradshaw District, it has 40,800 feet of *permanent* and *extraordinary* rich mines, sufficient to employ, profitably, 20,000 *operatives* to work it to its full capacity, and to augment its capital by raising additional companies to the amount of capital stock in the aggregate of *one hundred million of dollars*, all of which is free to the holders of stock in the Bradshaw Company, *pro rata* to the amount of stock held by them.

*Second.*—The Company has the advantage of good tillable lands, on some of which two crops may be raised the same year, with boundless pasturage, unsurpassed in the world—with bountiful supply of wood and water—immense beds of salt and soda near at hand—and in close proximity to the Pacific Ocean—a

natural channel to all commercial points, and near the line of the Southern Pacific Railroad, now under process of rapid construction.

*Third.*—It has upwards of 50,000 tons of rock in sight, and seven mines fully developed, and placed, beyond a doubt, among the great dividend-paying mines of the continent.

*Fourth.*—It has 3,600 feet upon the great new Catorce Gold and Silver Mine, from 110 to 200 feet wide, being chloride of silver in mass, and the Lounsbery Lode, 6,000 linear feet, to all of which the Company have acquired perfect title.

If the machinery and accompanying material can be furnished me by the 15th of June next, I am confident I can ship a sufficient amount of bullion to the East, by the 1st day January, 1867, to make the first dividend.

Your Superintendent indulges in the hope that the necessary machinery, material and funds, will be placed at his disposal at an early day, to commence operations on these extraordinary developments of the natural resources of the Company's property.

I am, with much respect,

Your obedient servant,

GEO. M. WILLING,

*General Superintendent and Mining*

*Engineer of the Bradshaw Gold and*

*Silver Mining Company of Arizona.*



